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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 2 Sheet ı

Complete if Known			
Application Number	10/764,658		
Filing Date	January 26, 2004		
First Named Inventor	Kenneth Abend		
Art Unit	3737		
Examiner Name	TBA		
Attorney Docket Number	93184/00015		

U.S. PATENT DOCUMENTS					
	Document Number Dite No.1 Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
1.1	US- 5,148,810	09/1992	Maslak, et al.		
	US- 5,261,408	11/1993	Maslak, et al.		
	US- 5,291,892	03/1994	O'Donnell	/	
	US- 5,409,010	04/1995	Beach, et al.		
	US- 5,546,807	08/1996	Oxaal, et al.		
	US- 5,623,930 .	04/1997	Wright, et al.		
_	US- 5,701,898	12/1997	Adam, et al.)	
1-1-	US- 5,808,962	09/1998	Steinberg, et al.	/	
	US- 5,840,033	11/1998	Takeuchi	/	
	US- 5,911,692	06/1999	Hussain, et al.	/	
	US- 5,922,962	07/1999	Israk, et al.		
	US- 5,928,151	07/1999	Hossack, et al.		
1	US- 5,971,927	10/1999	Mine		
	US- 6,066,096	05/2000	Smith, et. al.		
	US- 6,135,971	10/2000	Hutchinson, et al.		
	US- 6,148,095	11/2000	Prause et al.'		
1	US- 6,238,346	5/2000	Mason		
	US- 6,524,253	2/2003	Abend		
0.R	US- 6,682,483	1/2004	Abend	1	
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		EODEIGNI	PATENT DOCUMENTS		

	FOREIGN PATENT DOCUMENTS							
Examiner Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant		
		Office ³ Number ⁴		Kind ^s (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T6
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•		•		Application Number	10/764,658
INF	ORMATIC	ON DIS	CLOSURE	Filing Date	January 26, 2004
STATEMENT BY APPLICANT				First Named Inventor	Kenneth Abend
				Art Unit	3737
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Sheet	2	of	2	Attorney Docket Number	93184/00015

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
a.d.		C. KASAI, K. NAMEKAWA, A. KOYANO and R.OMOTO, "Real-Time Two Dimensional Blood Imaging Using An Autocorrelation Technique", IEEE Transactions On Sonics and Ultrasonics, Vol. SU-32, no. 3, pp 458-464, May 1985.			
		K. FERRARA and G. DE ANGELIS, "Color Flow Mapping", Ultrasound in Medicine and Biology, Vol. 23, no. 2, pp 321-345, March 1997.	2		
ae.		T. BUCK, et al., "Flow Quantification in Valvular Heart Disease Based on the Integral of Backscattered Acousite Power Using Doppler Ultrasound", PROC. IEEE, vol. 88, no. 3, pp 307-330, March 2000.	7		
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